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EXAMINER

NGUYEN, KEVIN M

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/865,292

**Applicant(s)**

CHO, LLU

**Examiner**

Kevin M. Nguyen

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-45 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>01/14/2002</u> . | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-45 are rejected under 35 U.S.C. 102(e) as being anticipated by Moriya (US 6,61,140).

3. As to claims 1, 9, 17, 44, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

a code discrimination section 22 (a model designation controller, fig. 1), a plurality of format of still image (a plurality of screen formats, fig. 17), capacity of display (data capacity, fig. 17), a display different size (a image adjuster, fig. 17), an information transfer section 23 (a transmitter, fig. 1).

- As to claims 2, 10, 18, 45, Moriya teaches a mobile phone display 10a (a virtual portable terminal display, fig. 2 is detailed of fig. 1), a display 102 (fig. 3 is detailed o fig. 2).

As to claim 4, Moriya teaches a mobile phone display 10a (a virtual portable terminal display, fig. 2 is detailed of fig. 1).

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4. As to claims 3, 11, 19, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

a code discrimination section 22 (a model designation controller, fig. 1), a mobile phone display 10a (a virtual portable terminal display, fig. 2 is detailed of fig. 1), a display different size (a image adjuster, fig. 17), information transfer section 23 (a transmitter, fig. 1).

As to claims 8, 12, 16, 20, 24, Moriya teaches a data storage section 231 (a storage device as claimed, fig. 1), the data modification section 232 modifies or selects the documents stored in the data storage section 231 according to the specification data supplied from the code discrimination section 22 and sends the modified or selected documents to the data terminal 1 (col. 3, lines 62-67).

5. As to claims 5, 13, 21, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

a code discrimination section 22 (a model designation controller, fig. 1), a plurality of format of still image (a plurality of screen formats, fig. 17), capacity of display (data capacity, fig. 17), a display different size (a image adjuster, fig. 17), an information transfer section 23 (a transmitter, fig. 1).

As to claims 7, 15, 23, Moriya teaches the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).

6. As to claims 6, 14, 22, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

FIG. 14 shows the operation of the web service by the central facility 2. When the central facility 2 receives the URL from the data terminal 1, the information transfer section 23 detects whether or not the data terminal 1 is the PDA (Step S81) (col. 8, lines 59-63). When the data terminal 1 is the PDA, the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).

7. As to claim 25, Moriya teaches Fig. 2 shows specific different types of data terminal and central facility connected to the network system shown in Fig. 1, a system comprising

- a central facility 2 (an image processor, fig. 1),
- a personal digital phone 10a (a portable terminal, fig. 1),
- a server 201 (a server, fig. 2, col. 4, lines 10-33),

FIG. 14 shows the operation of the web service by the central facility 2. When the central facility 2 receives the URL from the data terminal 1, the information transfer section 23 detects whether or not the data terminal 1 is the PDA (Step S81) (col. 8, lines 59-63). When the data terminal 1 is the PDA, the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).

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8. As to claim 26, Moriya teaches Fig. 2 shows specific different types of data terminal and central facility connected to the network system shown in Fig. 1, a system comprising

- a central facility 2 (an image processor, fig. 1) comprising:

- a code discrimination 22, a code setting section 24 (an receiver, fig. 1),

- an information transfer section 23 including the URL (an address forming controller, fig. 1),

- an information transfer section 23 (a image processor transmitter, fig. 1),

- a server 201 (a server, fig. 2, col. 4, lines 10-33),

FIG. 14 shows the operation of the web service by the central facility 2. When the central facility 2 receives the URL from the data terminal 1, the information transfer section 23 detects whether or not the data terminal 1 is the PDA (Step S81) (col. 8, lines 59-63). When the data terminal 1 is the PDA, the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).

9. As to claim 27, Moriya teaches Fig. 2 shows specific different types of data terminal and central facility connected to the network system shown in Fig. 1, a system comprising

- a code discrimination 22, a code setting section 24 (an receiver, fig. 1),

- an information transfer section 23 including the URL (an address forming controller, fig. 1),

- an information transfer section 23 (a image transmitter, fig. 1),

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an information transfer section 23 including the URL (an address transmitter, fig. 1),

The data storage section 231 shown in FIG. 1 stores a database of members to be supplied services by the network service provider. As shown in FIG. 5, the database of the members includes data which indicate a name, an ID, a password, an e-mail address and a URL (uniform resource locator) for addressing to World Wide Web page with respect to each member (col. 5, lines 27-33).

10. As to claims 28, 32, 40, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

a code discrimination 22, a code setting section 24 (an receiver, fig. 1),

a central facility 2 (an image processor, fig. 1)

an information transfer section 23 (a image processor transmitter, fig. 1),

As to claims 29, 33, 41, Moriya teaches a code storage section 21 (a first storage device, fig. 1), a data storage section 231 (a second storage device, fig. 1), the code discrimination section 22 supplies the specification data obtained for the code storage section 21 (col. 3, lines 41-43). The code setting section 23 obtains data on the capabilities and features of the data terminal 1 from the data terminal 1 and seeks out appropriate model code stored in the code storage section 21 based on the data of the capabilities and features. The information transfer section 23 has a data storage section 231. (col. 3, lines 48-54).

As to claims 30, 34, 42, Moriya teaches the documents such as characters, graphics (col. 3, lines 61-62), a 8 bits-color display (col. 5, lines 20-21).

11. As to claims 31, 35, 43, Moriya teaches a central facility 2 (an image processor, fig. 1) associated with a method and an information recording medium, the central facility comprising

The data modification section 232 (a data selector, fig. 1) selects the documents such as characters, graphics stored in the data storage section 231 and sends the selected documents to the data terminals 1 such as a personal digital phone 10a, a PDA 10b and a PC 10c in fig. 2 (col. 3, lines 62-67).

a central facility 2 (an image processor, fig. 1)

an information transfer section 23 (a image transmitter, fig. 1).

12. As to claim 36, Moriya teaches Fig. 2 shows specific different types of data terminal and central facility connected to the network system shown in Fig. 1, a system comprising

a personal digital phone 10a (a portable terminal, fig. 1),

a server 201 (a server, fig. 2, col. 4, lines 10-33),

FIG. 14 shows the operation of the web service by the central facility 2. When the central facility 2 receives the URL from the data terminal 1, the information transfer section 23 detects whether or not the data terminal 1 is the PDA (Step S81) (col. 8, lines 59-63). When the data terminal 1 is the PDA, the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).



As to claim 37, Moriya teaches FIG. 14 shows the operation of the web service by the central facility 2. When the central facility 2 receives the URL from the data terminal 1, the information transfer section 23 detects whether or not the data terminal 1 is the PDA (Step S81) (col. 8, lines 59-63). When the data terminal 1 is the PDA, the information transfer section 23 modifies the HTML documents with respect to the capabilities of the display, the display size and sends them (col. 9, lines 1-3).

As to claim 38, Moriya teaches the documents such as characters, graphics, additional data such as HTML documents, e-mail messages (col. 3, lines 60-62), a 8 bits-color display (col. 5, lines 20-21).

13. As to claim 39, Moriya teaches Fig. 2 shows specific different types of data terminal and central facility connected to the network system shown in Fig. 1, a system comprising

The data modification section 232 (a data selector, fig. 1) selects the documents such as characters, graphics stored in the data storage section 231 and sends the selected documents to the data terminals 1 such as a personal digital phone 10a, a PDA 10b and a PC 10c in fig. 2 (col. 3, lines 62-67).

FIG. 16 shows the model code which is prepared by the code transfer section 12. The model code includes a discrimination header code and function codes which indicate capabilities of the display, display size, code scheme, communication protocols, still image formats and memory capacity. The code transfer section 12 automatically prepares the model code based on an input data by the user (col. 9, lines 16-22).

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**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Kevin M. Nguyen** whose telephone number is **703-305-6209**. The examiner can normally be reached on MON-THU from 9:00-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard A Hjerpe** can be reached on **703-305-4709**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

**(703) 872-9306 (for Technology Center 2600 only)**

Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Kevin M. Nguyen  
Patent Examiner  
Art Unit 2674

KN  
June 24, 2004

  
**XIAO WU**  
**PRIMARY EXAMINER**